PHY-503 : Methods of Mathematical Physics

Ismail Zahed
NTG-C141 Ext: 2-8129 Office Hour: F 3:4
zahed@zahed.physics.sunysb.edu

Outline

1. Variational Calculus
2. Function Spaces
3. Ordinary Differential Equations
4. Greens’ Functions
5. Partial Differential Equations
6. Special Functions
7. Integral Equations
8. Tensor Analysis
9. Group Theory
10. Complex Analysis

Reference Material

Grade
The grade will be : Hw (33%) + Mid (33%) + Fin (33%)

Grader
TBA